

FIG. I

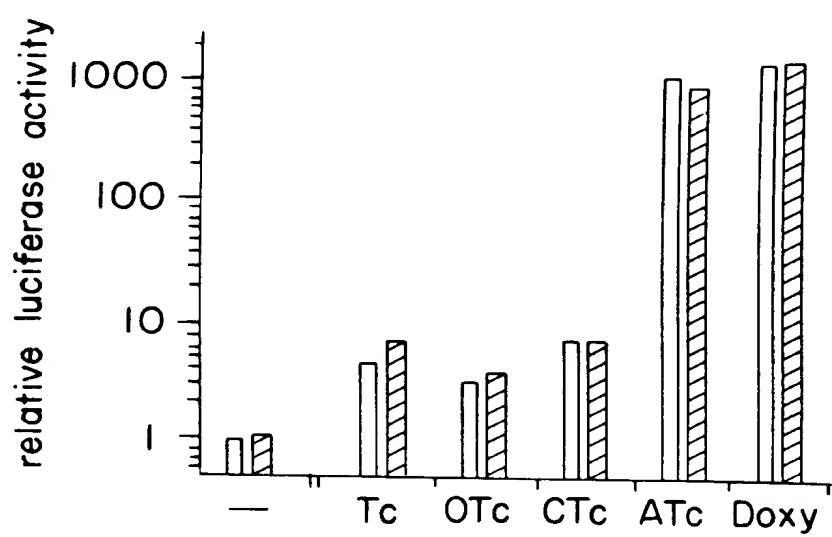


FIG. 2

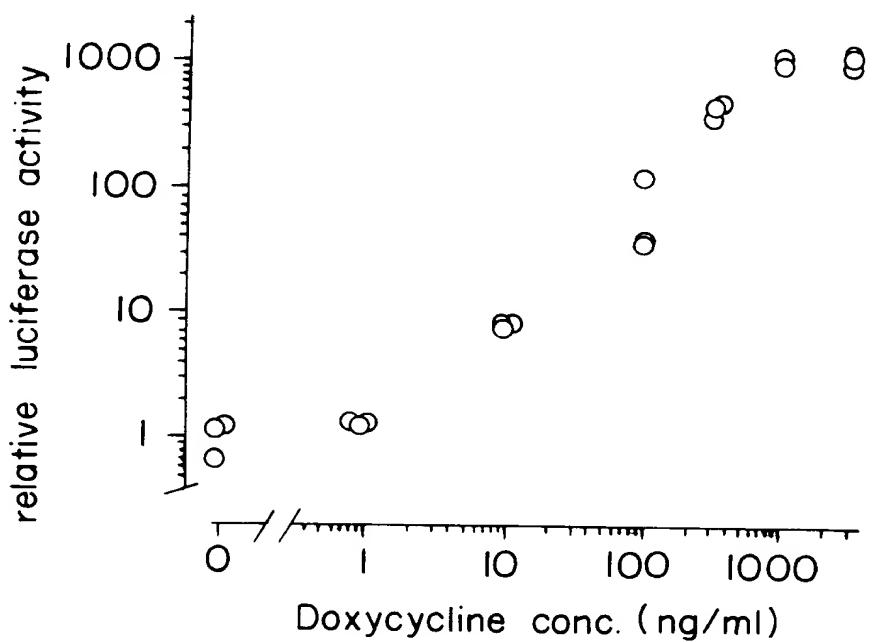


FIG. 3

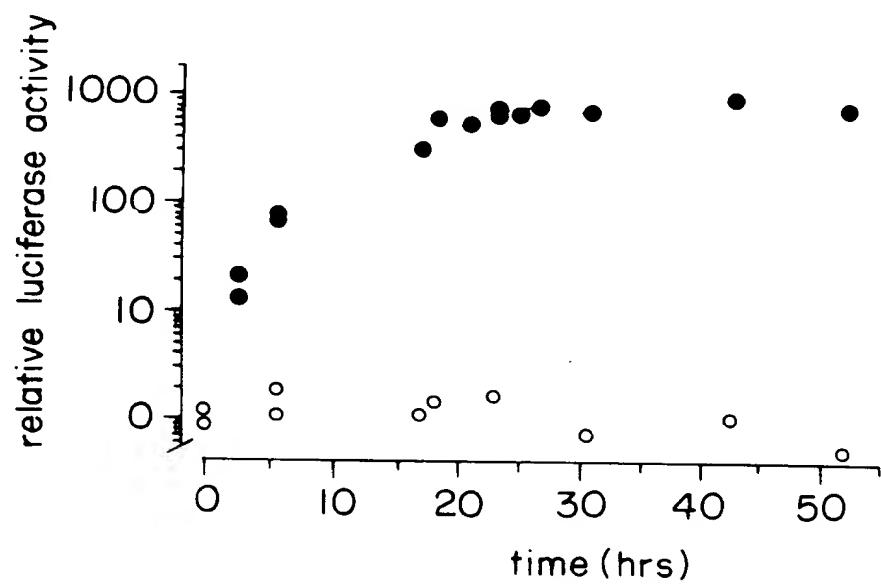


FIG. 4

H T H

1 2 3 4

MSRLDKSKVINSALLELLNEVGIEGLTRKLAQKLGVEOPTLYWHVKNKRALLDALAIEMLDRH 63 B
 MA--NRES--DA--G---T--DE--I-----V-I-A--
 MTK-QPNT--RA--D-----VD-----ER--Q--A---FR-----EA--AEN
 MNK-QREA--RT--G--D--M-----R--ER--Q--A---F-----EA--TIN
 MTK---GT--AAG-----MOS-----ER-K-Q--A---FO-----EA--RER
 MA--SLDD--SM--T--DSE-L-----S-KI-----R--QT--MNM--SEAI--AK--
 64 D
 A
 C
 G
 E

5 6 7

HTHFCPLEGESWQDFLRNNAKSFRCALLSHRGAKVHLGTRPTEKQYETLENQLAFLCQQGFS 126 B
 -DYSL-AA----S----M--R--RY-----D----D-V-T--R-MTEN---
 --SV-RADD--RS--IG--R--Q--AY--RI-A---GAP-M--ADA--R--EA--
 --ST-R0000-RS--KG--C--R--AY--RI-A---AAP-M-KADA--R--DA--
 --RSL-E-N-D-RV--KE--L--T--Y--RI-A---PNFG-A-T-IR--AE--C
 --RSA--PT---Q--QE--L--K--V--RL-I--S--PP-F-QA-A--RC--DA--
 127 D
 A
 C
 G
 E

8 9

LENALYALSAGVGHFTLGCVLEDQEHQAKEERE TPTTDSMPPLLROQAIELFDHQGA 182 B
 -ROG--I--S----A--Q--TA-LTD-P AAPDENL----E-LQIM-SDDG 182 D
 AGD-VN--MTISY--V-A--E-AGDSESG--GG -VEQAPLS---A--DA--EA-P 183 A
 AGD-T--M-ISY--V-A--Q-ASEADA--GEDQL-TSAST--AR-QS-MKIVYEA-P 186 C
 PKR-VW--R--S-YVV-S--Q-ASDAD --VPDRPDVSEQAPSSF-HVLFHELETD-M 184 G
 V-E--FI-QSIS----A--E-ATNQIENNHW I-AA---QE-FNIOARTS- 179 E

10

EPAFLFGLELIICGLEKQLKCESGS 207 B
 -Q---H---SL-R-F-V--TALLOIVGGDKLIIPFC 218 C
 DA--EQ--AV-VD--A-RRLVVRNVEGPRKG00 216 A
 DA--ER--A--G---MRLTTN0IEVLKNVDE 219 C
 DA--N---DSL-A-F-RLRAAVLATD 210 G
 -M--H---KSL-F-FSA--DEKKHTPIEDGNK 211 E

FIG. 5

A1 ACTTTATCATGATAAAC
 TGAATAGTACTATTGT

A2 AACCTTATCAGTGATAAGA
 TTGAATAGTCACATTCTCT

B1 ACTCTATCATTGATAGAGT
 TGAAGATAGTAACTATCTCA

B2 TCCCTATCAGTGATAGAGA
 AGGGATAGTCACATTCTCT

C1 AGCTTATCATCGATAAGCT
 TCGAAATAGTAGCTATTCGA

C2 AGTTTATCAGTTAAATT
 TCAAAATAGTGTCAAATTAA

D1 ACTCTATCATTGATAGGG
 TGAAGATAGTAACTATCCCT

D2 ACTCTATCATGATAGGG
 TGAAGATAGTTACTATCCCT

E1 AATCTATCATGATAGGT
 TTAGATAGTGACTATCTCA

E2 ACCCTATCATGGATAGAGA
 TGGGATAGTAGCTATCTCT

FIG. 6

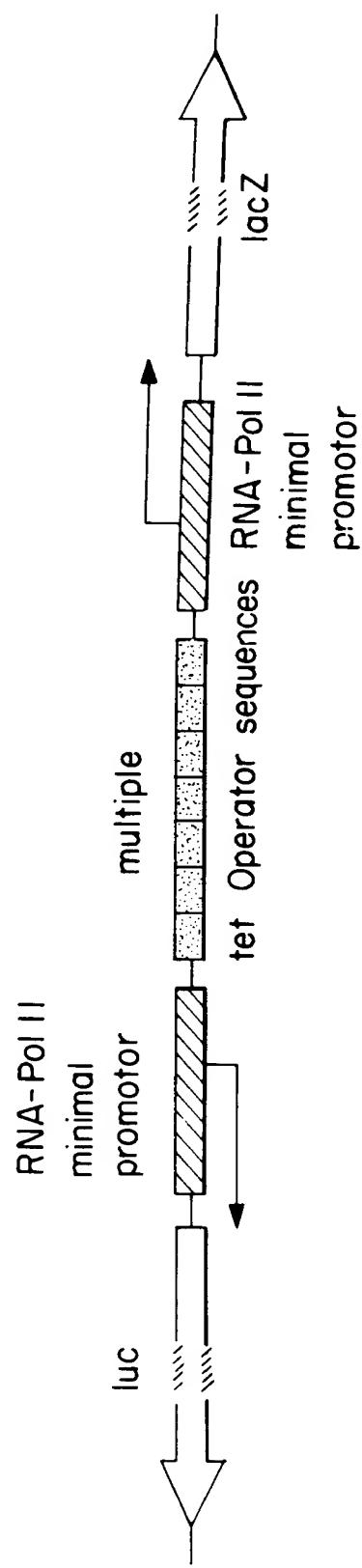


FIG. 7A

5' GAATTC_{CCCC}
EcoRI + 75

CCGCGGAGGCTGGATCGGTCCCGGTGTCTTCTATGGAGGTCAAAACAGCGTGGA

← + 1
C
TGGCGTCTCCAGGCGATCTGACGGTTCACTAAACGAGCTCTGCTTATATAGG
P_{hCMV*-3}
- 3 ;

tet O
TC (GAGTTTACCACTCCCTATCAGTGATAGAGAAAAGTGAAGTC)₇ GAGC

TCGGTACCCGGGTCGAGTAGGCGTGTACGGTGGAGGCCTATATAAGCAGAG
- 53
P_{hCMV*-1}

CTCGTTAGTGAACCGTCAGATCGCCTGGAGACGCCATCCACGCTGTTTGA
+ 1

CCTCCATAGAAGACACCGGGACCGATCCAGCCTCCGGGCCCCGAATT 3'
+ 75 EcoRI

FIG. 7B

5' AGATCT + 19
Bgl II Pst I

← + 1
A
TCGGTGTTCGAGGCCACACGCGTACCTTAAATATGCGAAGTGGACCGGATC
P_{K*} - 37 - 37

tet O
TC (GAGTTTACCACTCCCTATCAGTGATAGAGAAAAGTGAAGTC)₇ GAGC

P_{hCMV*} - 1
TCGGTACCCGGGTCGAGTAGGCCTGTACGGTGGAGGCCTATATAAGCAGAG
- 53

CTCGTTAGTGAACCGTCAGATGCCCTGGAGACGCCATCCACGCTGTTTGA
+ 1

CCTCCATAGAAGACACCGGGACCGATCCAGCCTCCGGGGCCCCGAATTC^{3'}
+ 75 EcoRI

FIG. 8A

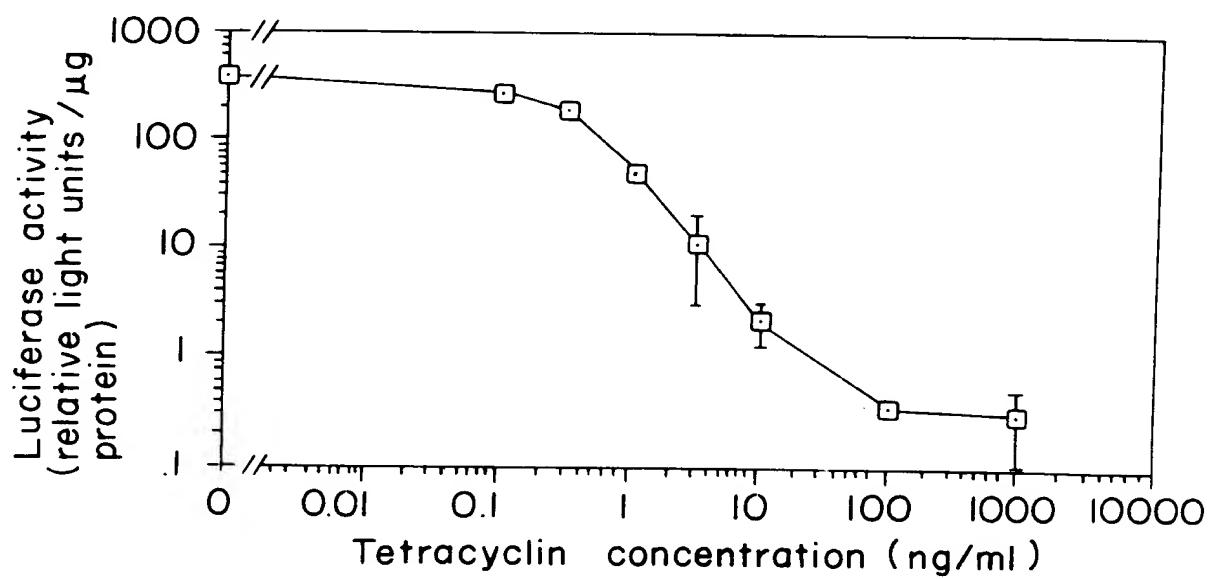


FIG. 8B

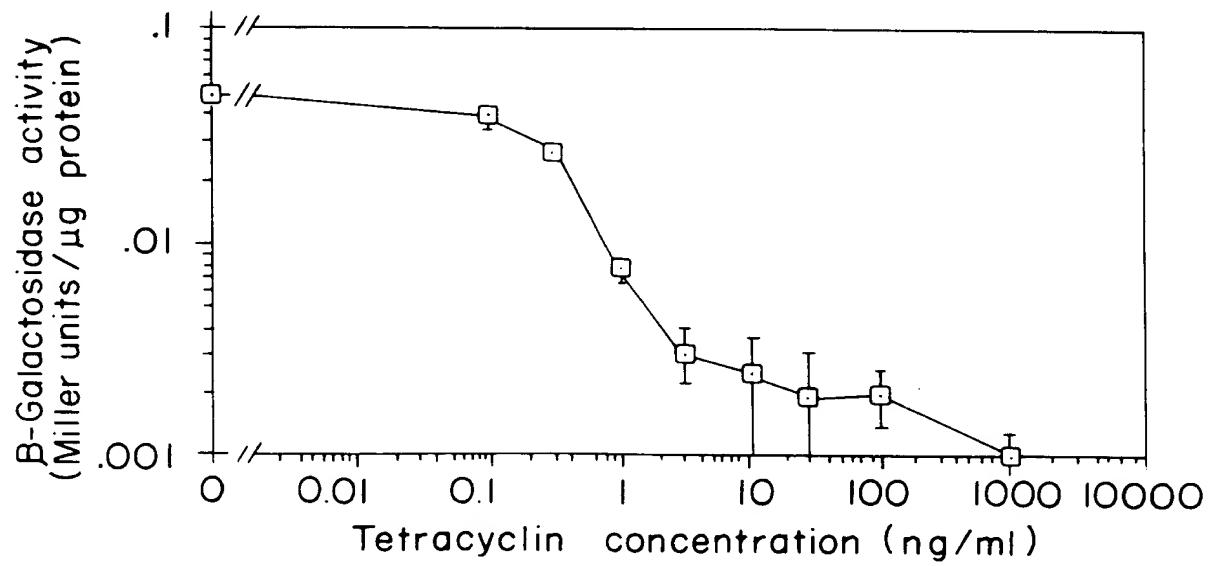


FIG. 9A

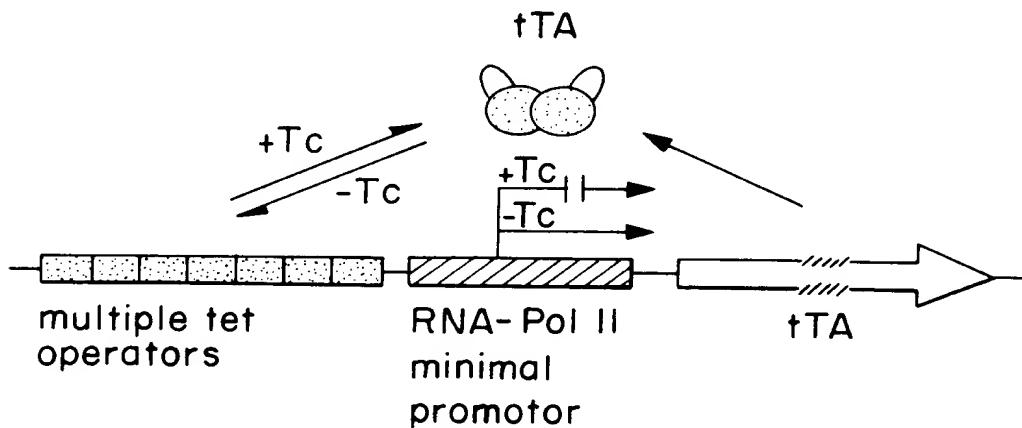


FIG. 9B

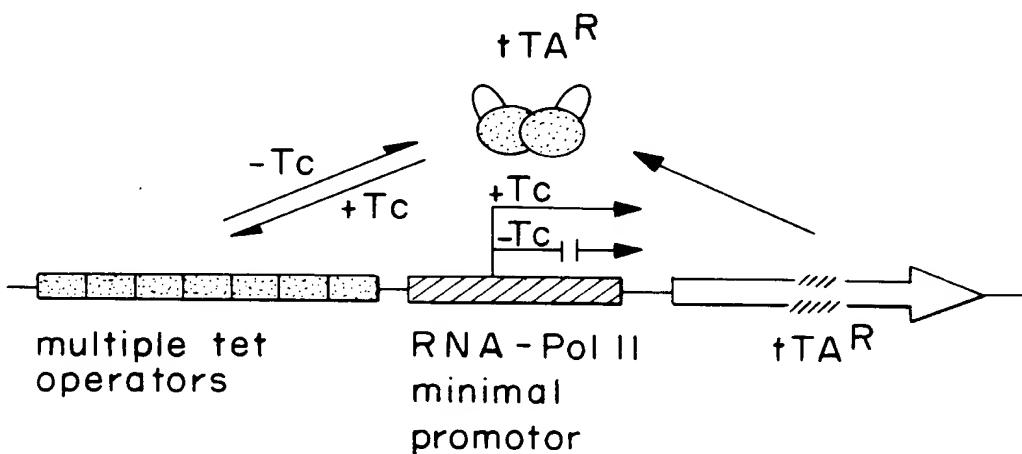


FIG. 10

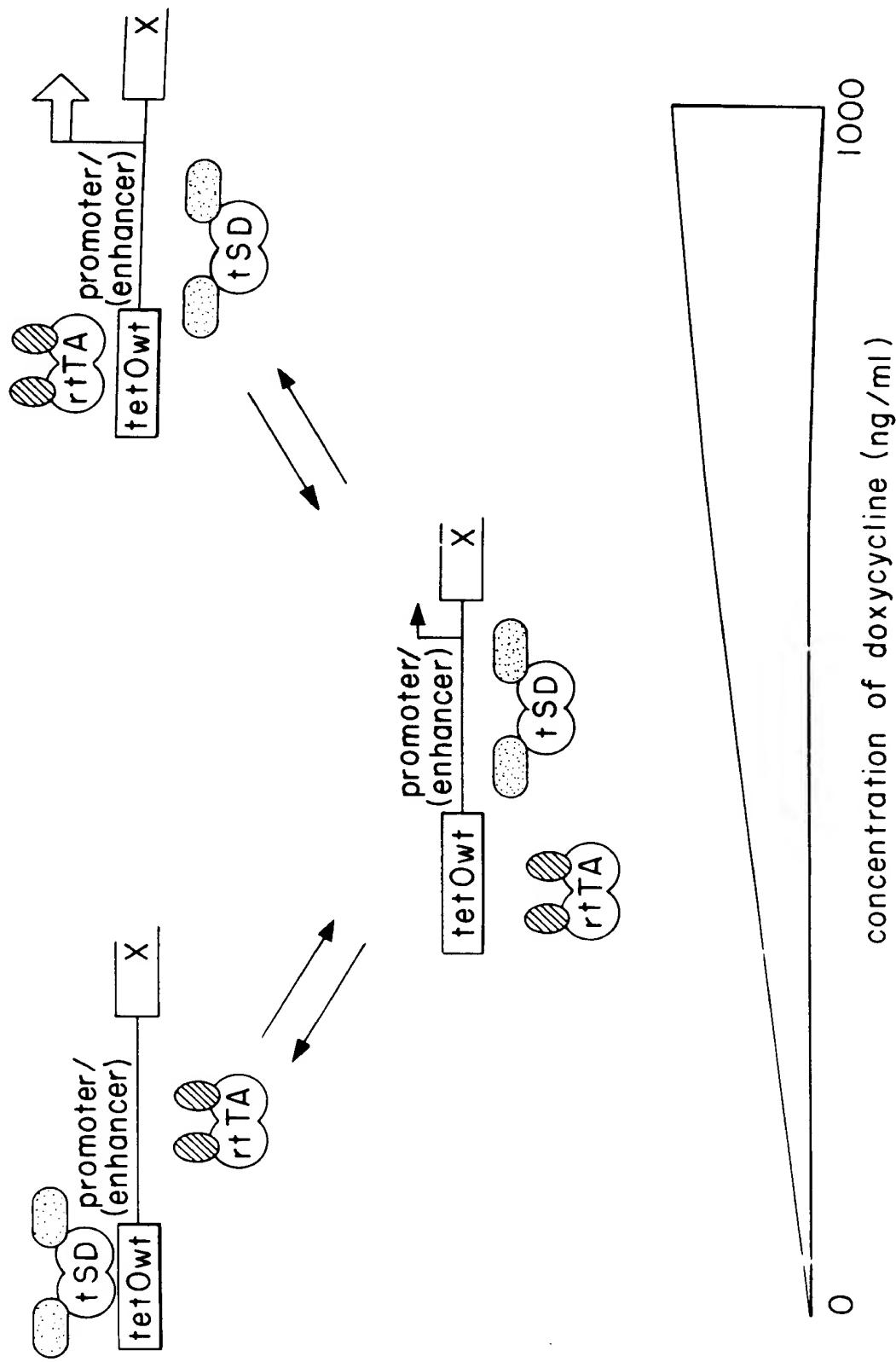


FIG. II

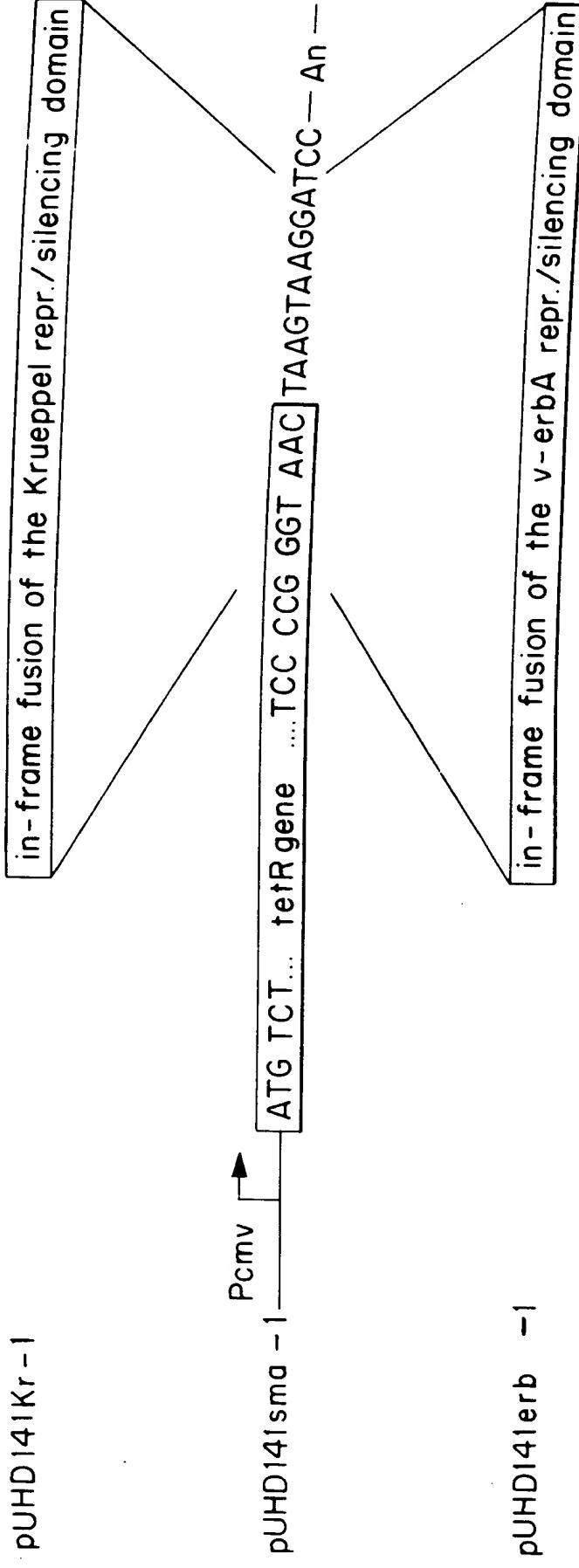


FIG. 12

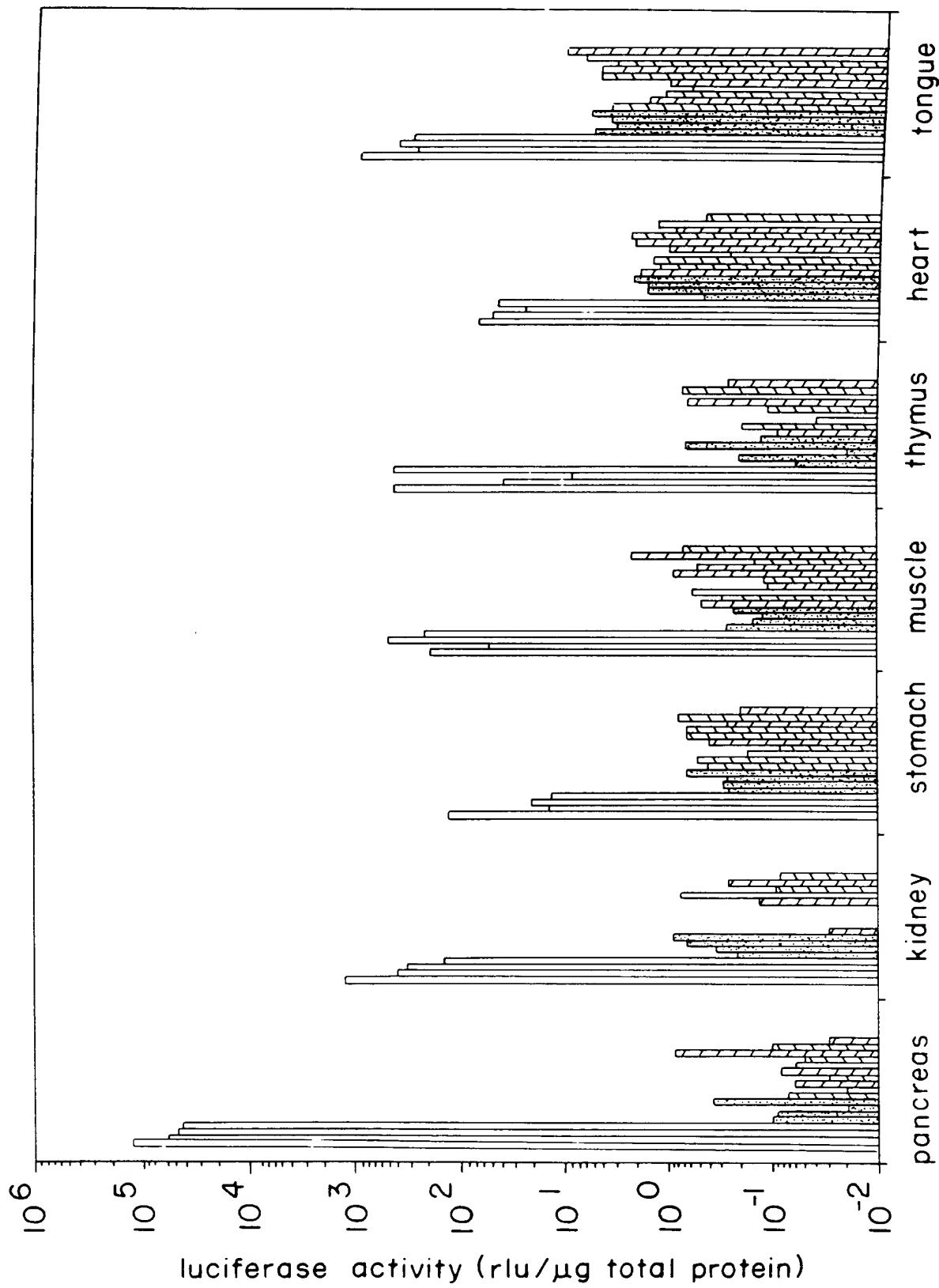


FIG. 13

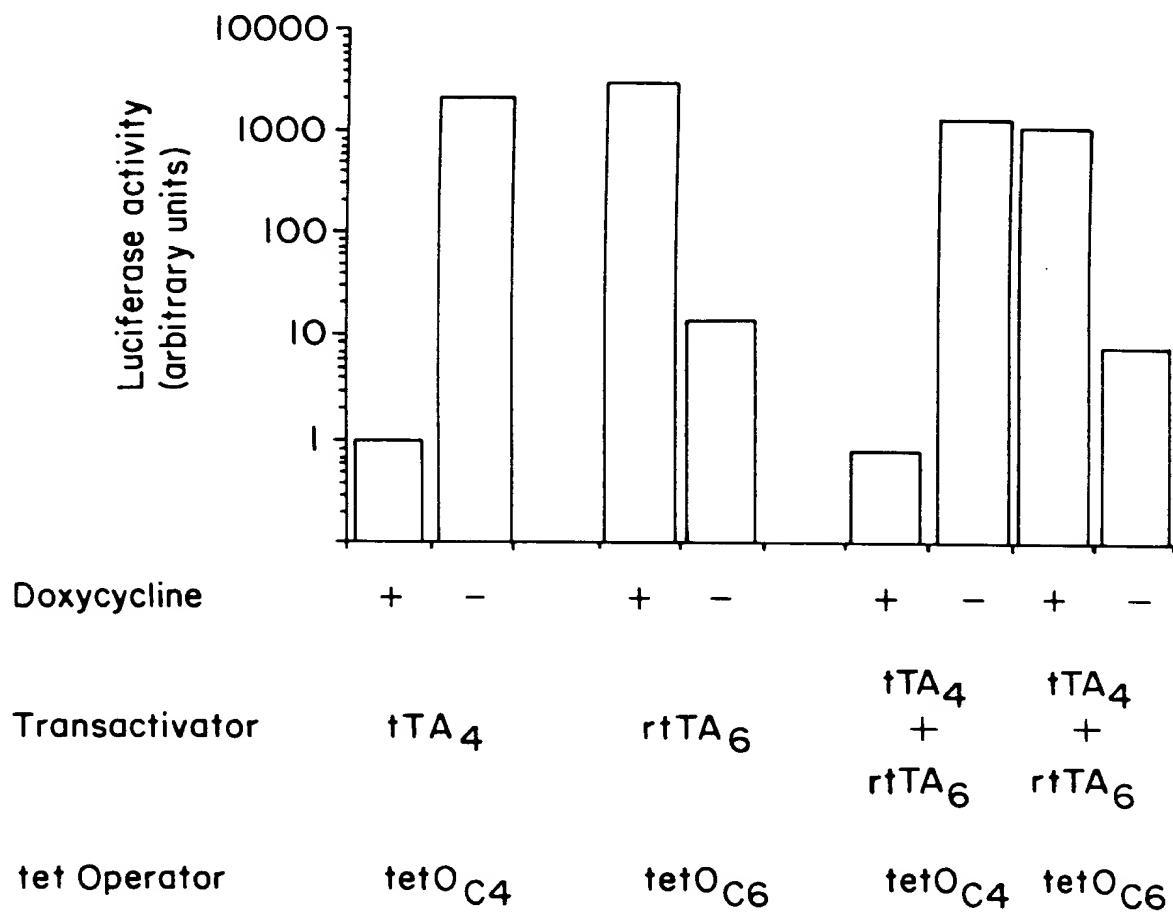


FIG.14A

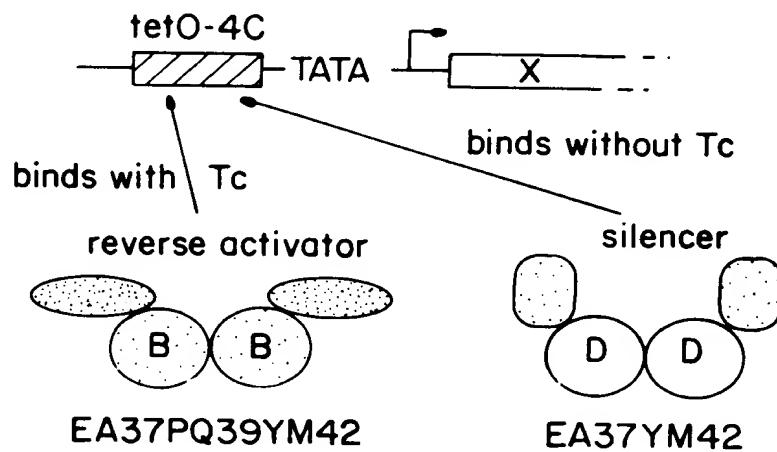


FIG.14B

